PCIe ExpressCard Adapter
Fast Ethernet 100Base-FX

NEC-FXE-xx-01

Fast Ethernet PCIe ExpressCard Fiber Adapter





Fast Ethernet ExpressCards provide a 100Base-FX fiber port for delivering fiber optic connectivity to laptop computers in high security, fiber rich LAN environments. This small sized fiber card is specifically designed to plug into laptop computers equipped with an ExpressCard compliant slot. The card includes a single LED located on top of its plastic cover indicating link and activity status. Extensive Network Operating System drivers are provided, easing installation and configuration. Preboot Execution Environment (PXE) and Bootstrap Protocol (BOOTP) are also supported.

Features

- Complies with ExpressCard/34 standard
- Complies with the IEEE 802.3 CSMA/CD 100Base-FX standards
- Full-duplex design
- Options for SC or LC fiber connectors
- Options for multimode or single mode fiber
- Driver support for wide variety of operating systems
- Integrated support for PXE remote boot

Applications

Express Card

100Base-TX to Fiber Media Converter

100 m UTP

10/100 Mb copper switch

Specifications

Standards	IEEE 802.3u IEEE 802.3x ExpressCard Compliant
Card Slot	ExpressCard/34 26-pin connector
Data Transfer Rate	100Mbps
Status LEDs	L/A - On = communication link - Flashing = Activity on link
LAN Drivers	Windows 98, NT, 2000, XP, Vista, 2003 Server, 2008 Server, Netware, Linux
Dimensions	Length: 5.04 inches (128mm) Width: 1.34 inches (34mm)
Shipping Weight	1.0 lbs
Power consumption	3 watts
Environment	0º - 50º C 5% - 90% humidity non-condensing 0 – 10,000 ft. altitude
Compliance	FCC Part 15 Class B, CE Mark
Warranty	Lifetime

Ordering Info

NEC-FXE-SC-01
100BASE-FX 1300 nm MM (SC)
[2 km/1.2 mi.] Link Budget: 12.0 dB

NEC-FXE-LC-01
100BASE-FX 1300 nm MM (LC)
[2 km/1.2 mi.] Link Budget: 13.0 dB

NEC-FXE-SC20-01
100BASE-FX 1310 nm SM (SC)
[20 km/12.4 mi.] Link Budget: 30.0 dB



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